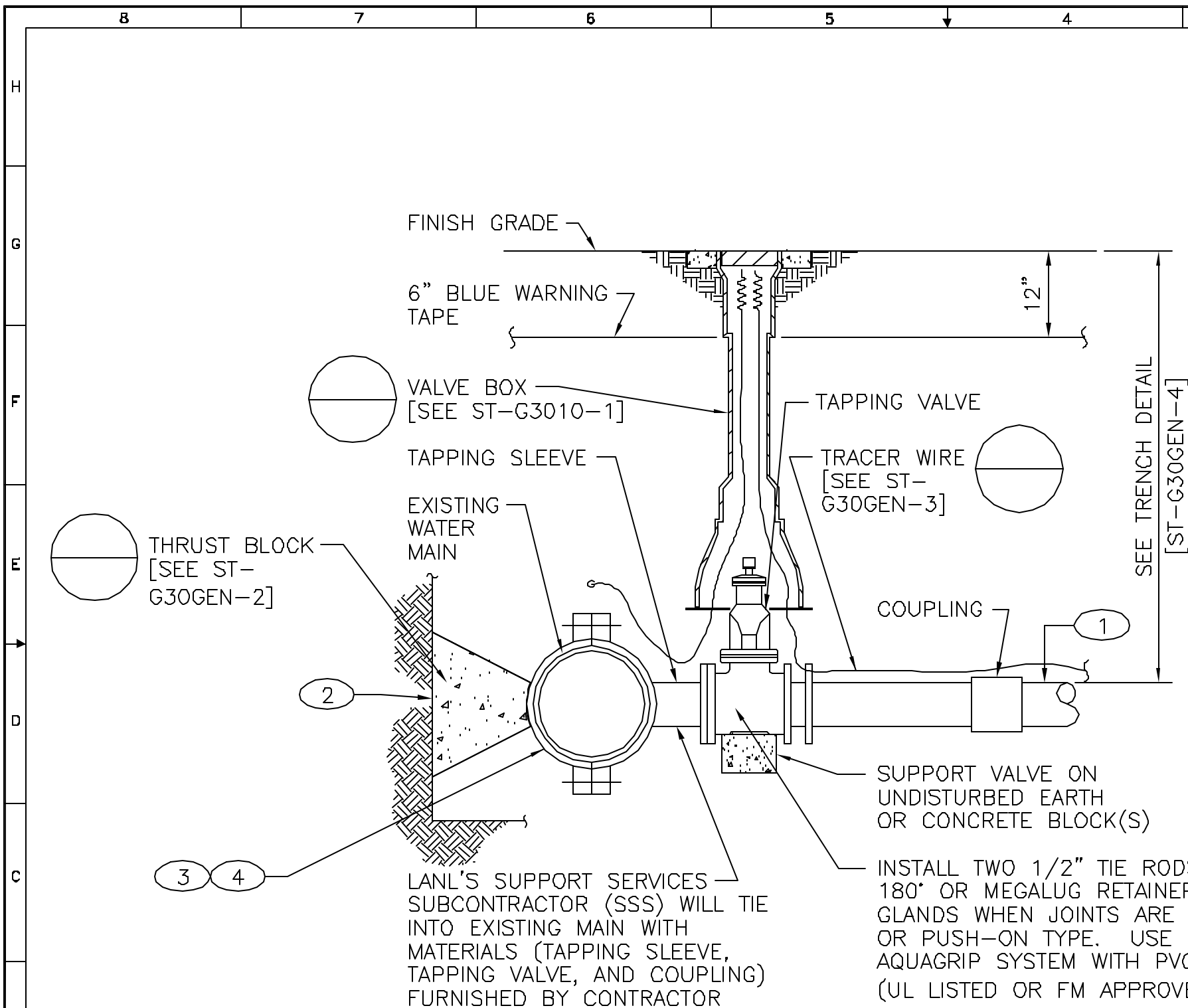


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WATER PIPING TIE-IN DETAIL

SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. SEE SHEET 3.

KEYED NOTES:

- 1 RUN SERVICE LINE WITHIN 6" OF EXISTING MAIN.
- 2 MINIMUM BELL HOLE AT BOTTOM OF TRENCH: 24" FROM CENTERLINE OF NEW PIPE ON EACH SIDE; 18" FROM EDGE OF MAIN ON BACK SIDE; 8'-0" IN FRONT OF MAIN (LENGTH OF BELL HOLE); 18" UNDER MAIN. TAPER OR STEP TRENCH TO MEET OSHA REQUIREMENTS.
- 3 LANL CONSTRUCTION INSPECTOR WILL ENSURE MATERIALS REQUIRED FOR HOT TAP ARE AT JOB SITE, DISINFECTING AND PRESSURE TESTING OF THE SERVICE LINE HAVE BEEN COMPLETED, AND EXCAVATION OF BELL HOLE IS DONE PRIOR TO NOTIFYING SSS.
- 4 LANL CONSTRUCTION INSPECTOR WILL GIVE SSS 5 WORKING DAYS NOTICE OF THE NEED TO SCHEDULE A TIE-IN TO EXISTING UTILITIES.

DRAWING DEVELOPED FOR ML-3 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

1	B-23-02	U	GENERAL REVISION AND DWO. NO. WAS STB105.	RF	EH	MS	EH	TD
NO	DATE	CLASS	REV	DESCRIPTION	OWN	VER	CHKD	SUB
FACILITY & WASTE OPERATIONS SYSTEMS ENGINEERING & MAINTENANCE								
LANL ENGINEERING MANUAL					DRAWN	R. PEARSON		
WATER PIPING TIE-IN DETAIL 4" TO 12" LINE SIZE					DESIGN	E. HOTH		
BLDG. X					CHECKED	M. SMITHDUR		
SUBMITTED					DATE	B-28-99		
APPROVED FOR RELEASE					STANDARDS MANAGER: TOBIN GRUCH			
DISCIPLINE: POC: E. HOTH					SHEET			
2					2 OF 3			
CLASSIFICATION: U					REVIEWER	LARRY BAYS		DATE
PROJECT ID					DRAWING NO		REV	
CHAPTER 3					ST-G3010-2		1	